

## WEST Search History

DATE: Wednesday, July 10, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L4	L3 and unsaturated	1	L4
L3	L1 and saturated	11	L3
L2	micelle\$ same BPD\$	1	L2
L1	liposome\$ same BPD\$	26	L1

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 26 of 26 returned.**☐ 1. Document ID: US 6375930 B2

L1: Entry 1 of 26

File: USPT

Apr 23, 2002

US-PAT-NO: 6375930

DOCUMENT-IDENTIFIER: US 6375930 B2

TITLE: Membrane incorporation of texaphyrins

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Young; Stuart W.	Portola	CA		
Wright; Meredith	San Jose	CA		
Sessler; Jonathan L.	Austin	TX		
Mody; Tarak D.	Sunnyvale	CA		
Magda; Darren	Cupertino	CA		

US-CL-CURRENT: 424/9.362; 424/1.11, 424/1.65, 424/450, 424/9.1, 424/9.3, 540/1, 540/145, 544/1, 546/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/M/C
Draw Desc	Image										

☐ 2. Document ID: US 6270749 B1

L1: Entry 2 of 26

File: USPT

Aug 7, 2001

US-PAT-NO: 6270749

DOCUMENT-IDENTIFIER: US 6270749 B1

TITLE: Use of Texaphyrin in ocular diagnosis and therapy

DATE-ISSUED: August 7, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blumenkranz; Mark S.	Portola Valley	CA		
Woodburn; Kathryn W.	Sunnyvale	CA		
Miller; Richard A.	Portola Valley	CA		
Young; Stuart W.	Portola Valley	CA		

US-CL-CURRENT: 424/9.61; 424/9.6, 514/185, 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 6248734 B1

L1: Entry 3 of 26

File: USPT

Jun 19, 2001

US-PAT-NO: 6248734

DOCUMENT-IDENTIFIER: US 6248734 B1

TITLE: Use of photodynamic therapy for prevention of secondary cataracts

DATE-ISSUED: June 19, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meadows; Howard E.	Vancouver			CAX
Wenkstern; Danielle	Lions Bay			CAX
Mallek; David R.	Vancouver			CAX
Bussanich; Marcello Nick	Vancouver			CAX
Richter; Anna M.	Vancouver			CAX
Levy; Julia G.	Vancouver			CAX
Hariton; Claude A. A.	Brinckhein			FRX
Huber; Gustav	Rafz			CHX
Rootman; Jack	Vancouver			CAX

US-CL-CURRENT: 514/185; 514/54, 514/55, 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 4. Document ID: US 6235767 B1

L1: Entry 4 of 26

File: USPT

May 22, 2001

US-PAT-NO: 6235767

DOCUMENT-IDENTIFIER: US 6235767 B1

TITLE: Methods to treat arterial plaque

DATE-ISSUED: May 22, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelly; Barbara	Vancouver			CAX
Levy; Julia	Vancouver			CAX
Margaron; Philippe Maria Clotaire	Vancouver			CAX

US-CL-CURRENT: 514/410; 514/824

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 5. Document ID: US 6225303 B1

L1: Entry 5 of 26

File: USPT

May 1, 2001

US-PAT-NO: 6225303

DOCUMENT-IDENTIFIER: US 6225303 B1

TITLE: Use of green porphyrins to treat neovasculature in the eye

DATE-ISSUED: May 1, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miller; Joan W.	Boston	MA		
Gragoudas; Evangelos S.	Boston	MA		

US-CL-CURRENT: 514/185; 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6176842 B1

L1: Entry 6 of 26

File: USPT

Jan 23, 2001

US-PAT-NO: 6176842

DOCUMENT-IDENTIFIER: US 6176842 B1

TITLE: Ultrasound assembly for use with light activated drugs

DATE-ISSUED: January 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tachibana; Katsuro	Fukuoka			JPX
Tachibana; Shunro	Fukuoka			JPX
Anderson; James R.	Redmond	WA		
Lichttenegger; Gary	Woodinville	WA		

US-CL-CURRENT: 604/22; 604/101.03, 604/102.03, 604/103.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6100290 A

L1: Entry 7 of 26

File: USPT

Aug 8, 2000

US-PAT-NO: 6100290

DOCUMENT-IDENTIFIER: US 6100290 A

TITLE: Photodynamic therapy in selective cell inactivation in blood and treating

immune dysfunction diseases

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Levy; Julia G.	Vancouver			CAX
North; Janice	Vancouver			CAX

US-CL-CURRENT: 514/410; 514/885, 514/908, 604/4.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	K00C
Draw Desc	Image									

☐ 8. Document ID: US 6096776 A

L1: Entry 8 of 26

File: USPT

Aug 1, 2000

US-PAT-NO: 6096776

DOCUMENT-IDENTIFIER: US 6096776 A

TITLE: Green porphyrins as immunomodulators

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chan; Agnes H.	Port Moody			CAX
Hunt; David W. C.	White Rock			CAX
Levy; Julia G.	Vancouver			CAX
Obochi; Modestus O. K.	Vancouver			CAX
Richter; Anna M.	Vancouver			CAX
Simkin; Guillermo O.	Vancouver			CAX

US-CL-CURRENT: 514/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	K00C
Draw Desc	Image									

☐ 9. Document ID: US 6074666 A

L1: Entry 9 of 26

File: USPT

Jun 13, 2000

US-PAT-NO: 6074666

DOCUMENT-IDENTIFIER: US 6074666 A

TITLE: Liposome compositions of porphyrin photosensitizers

DATE-ISSUED: June 13, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Desai; Narendra Raghunathji	Danbury	CT		
Agha; Bushra J.	Durham	NC		
Kale; Kalidas Madhavrao	Harriman	NY		

US-CL-CURRENT: 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 10. Document ID: US 6043237 A

L1: Entry 10 of 26

File: USPT

Mar 28, 2000

US-PAT-NO: 6043237

DOCUMENT-IDENTIFIER: US 6043237 A

TITLE: Use of photodynamic therapy for prevention of secondary cataracts

DATE-ISSUED: March 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meadows; Howard E.	Vancouver			CAX
Wenkstern; Danielle	Lions Bay			CAX
Mallek; David R.	Vancouver			CAX
Bussanich; Marcello Nick	Vancouver			CAX
Richter; Anna M.	Vancouver			CAX
Levy; Julia G.	Vancouver			CAX
Hariton; Claude A. A.	Brinckhein			FRX
Huber; Gustav	Zurich			CHX
Rootman; Jack	Vancouver			CAX

US-CL-CURRENT: 514/185; 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 11. Document ID: US 5910510 A

L1: Entry 11 of 26

File: USPT

Jun 8, 1999

US-PAT-NO: 5910510

DOCUMENT-IDENTIFIER: US 5910510 A

TITLE: Vision through photodynamic therapy of the eye

DATE-ISSUED: June 8, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Strong; H. Andrew	North Van			CAX
Levy; Julia	Vancouver			CAX
Huber; Gustav	Zurich			CHX
Fsadni; Mario	Buelach			CHX

US-CL-CURRENT: 514/502; 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 12. Document ID: US 5834503 A

L1: Entry 12 of 26

File: USPT

Nov 10, 1998

US-PAT-NO: 5834503

DOCUMENT-IDENTIFIER: US 5834503 A

TITLE: Methods to treat arterial plaque

DATE-ISSUED: November 10, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelly; Barbara	Vancouver			CAX
Levy; Julia	Vancouver			CAX
Margaron; Philippe Maria Clotaire	Vancouver			CAX

US-CL-CURRENT: 514/410; 514/824

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 13. Document ID: US 5807881 A

L1: Entry 13 of 26

File: USPT

Sep 15, 1998

US-PAT-NO: 5807881

DOCUMENT-IDENTIFIER: US 5807881 A

TITLE: Method for selectively reducing activated leukocyte cell population

DATE-ISSUED: September 15, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leong; Simon	Vancouver			CAX
Chan; Agnes How-Ching	Port Moody			CAX
Hunt; David William Carey	White Rock			CAX
Levy; Julia	Vancouver			CAX
Renke; Martin	Burnaby			CAX

US-CL-CURRENT: 514/410; 514/885, 514/908, 604/6.08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 14. Document ID: US 5798349 A

L1: Entry 14 of 26

File: USPT

Aug 25, 1998

US-PAT-NO: 5798349

DOCUMENT-IDENTIFIER: US 5798349 A

TITLE: Use of green porphyrins to treat neovasculature in the eye

DATE-ISSUED: August 25, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Levy; Julia	Vancouver			CAX
Miller; Joan W.	Boston	MA		
Gradoudas; Evangelos S.	Boston	MA		
Hasan; Tayyaba	Arlington	MA		
Schmidt-Erfurth; Ursula	Luebeck			DEX

US-CL-CURRENT: 514/185; 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 15. Document ID: US 5789433 A

L1: Entry 15 of 26

File: USPT

Aug 4, 1998

US-PAT-NO: 5789433

DOCUMENT-IDENTIFIER: US 5789433 A

TITLE: Green porphyrins as immunomodulators

DATE-ISSUED: August 4, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chan; Agnes How-Ching	Port Moody			CAX
Hunt; David William Carey	White Rock			CAX
Levy; Julia	Vancouver			CAX
Obochi; Modestus Onuora Kay	Vancouver			CAX
Richter; Anna	Vancouver			CAX
Simkin; Guillermo O.	Vancouver			CAX

US-CL-CURRENT: 514/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC



☐ 16. Document ID: US 5756541 A

L1: Entry 16 of 26

File: USPT

May 26, 1998

US-PAT-NO: 5756541

DOCUMENT-IDENTIFIER: US 5756541 A

TITLE: Vision through photodynamic therapy of the eye

DATE-ISSUED: May 26, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Strong; H. Andrew	North Van.			CAX
Levy; Julia	Vancouver			CAX
Huber; Gustav	Zurich			CHX
Fsadni; Mario	Buelach			CHX

US-CL-CURRENT: 514/502; 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw. Desc	Image									

☐ 17. Document ID: US 5736563 A

L1: Entry 17 of 26

File: USPT

Apr 7, 1998

US-PAT-NO: 5736563

DOCUMENT-IDENTIFIER: US 5736563 A

TITLE: Transcutaneous in vivo activation of photosensitive agents in blood

DATE-ISSUED: April 7, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Richter; Anna M.	Vancouver			CAX

US-CL-CURRENT: 514/410; 514/185, 514/252.13, 514/455, 514/561, 540/145, 544/300, 544/306, 549/282

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw. Desc	Image									

☐ 18. Document ID: US 5707986 A

L1: Entry 18 of 26

File: USPT

Jan 13, 1998

US-PAT-NO: 5707986

DOCUMENT-IDENTIFIER: US 5707986 A

TITLE: Angiographic method using green porphyrins in primate eyes

DATE-ISSUED: January 13, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miller; Joan W.	Boston	MA	02114	
Young; Lucy H.Y.	Boston	MA	02114	
Gragoudas; Evangelos S.	Boston	MA	02114	

US-CL-CURRENT: 514/185; 514/410, 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

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☐ 19. Document ID: US 5707608 A

L1: Entry 19 of 26

File: USPT

Jan 13, 1998

US-PAT-NO: 5707608

DOCUMENT-IDENTIFIER: US 5707608 A

TITLE: Methods of making liposomes containing hydro-monobenzoporphyrin photosensitizer

DATE-ISSUED: January 13, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liu; Ron	North Chicago	IL		

US-CL-CURRENT: 424/9.61; 424/9.1, 424/9.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

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☐ 20. Document ID: US 5484803 A

L1: Entry 20 of 26

File: USPT

Jan 16, 1996

US-PAT-NO: 5484803

DOCUMENT-IDENTIFIER: US 5484803 A

TITLE: Transcutaneous in vivo activation of photosensitive agents in blood

DATE-ISSUED: January 16, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Richter; Anna M.	Vancouver			CAX

US-CL-CURRENT: 514/410; 514/185, 514/252.13, 514/455, 514/561

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 21. Document ID: US 5422362 A

L1: Entry 21 of 26

File: USPT

Jun 6, 1995

US-PAT-NO: 5422362

DOCUMENT-IDENTIFIER: US 5422362 A

TITLE: Method to inhibit restenosis

DATE-ISSUED: June 6, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vincent; G. Michael	Salt Lake City	UT		
Logan; Patricia M.	Vancouver			CAX

US-CL-CURRENT: 514/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 22. Document ID: US 5389378 A

L1: Entry 22 of 26

File: USPT

Feb 14, 1995

US-PAT-NO: 5389378

DOCUMENT-IDENTIFIER: US 5389378 A

TITLE: Benzoporphyrin vesicles and their use in photodynamic therapy

DATE-ISSUED: February 14, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Madden; Thomas D.	Vancouver			CAX

US-CL-CURRENT: 424/450; 428/402.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 23. Document ID: US 5049389 A

L1: Entry 23 of 26

File: USPT

Sep 17, 1991

US-PAT-NO: 5049389

DOCUMENT-IDENTIFIER: US 5049389 A

TITLE: Novel liposome composition for the treatment of interstitial lung diseases

DATE-ISSUED: September 17, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Radhakrishnan; Ramachandran	Fremont	CA		

US-CL-CURRENT: 424/450; 264/4.1, 424/434

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 24. Document ID: US 4271001 A

L1: Entry 24 of 26

File: USPT

Jun 2, 1981

US-PAT-NO: 4271001

DOCUMENT-IDENTIFIER: US 4271001 A

TITLE: Apparatus for measuring membrane characteristics of vesicles

DATE-ISSUED: June 2, 1981

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Imafuku; Hiroshi	Fuji			JPX
Kimura; Takeo	Fuji			JPX
Kobayashi; Hidehiko	Fuji			JPX

US-CL-CURRENT: 204/406

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 25. Document ID: US 5389378 A

L1: Entry 25 of 26

File: EPAB

Feb 14, 1995

PUB-NO: US005389378A

DOCUMENT-IDENTIFIER: US 5389378 A

TITLE: Benzoporphyrin vesicles and their use in photodynamic therapy

PUBN-DATE: February 14, 1995

## INVENTOR-INFORMATION:

NAME	COUNTRY
MADDEN, THOMAS D	CA

INT-CL (IPC): A61 K 9/127

EUR-CL (EPC): A61K009/127; A61K031/40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 26. Document ID: CA 2047969 A, US 5389378 A

L1: Entry 26 of 26

File: DWPI

Feb 18, 1992

DERWENT-ACC-NO: 1992-151392

DERWENT-WEEK: 199219

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TITLE: Liposome compsns. - contg. benzo:porphyrin derivs. used as photodynamic cancer therapy or as antiviral agents

INVENTOR: MADDEN, T D

PRIORITY-DATA: 1990US-0570282 (August 17, 1990), 1992US-0990923 (December 15, 1992)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CA 2047969 A	February 18, 1992		043	
US 5389378 A	February 14, 1995		013	A61K009/127

INT-CL (IPC): A61K 9/127; A61K 31/40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMIC
Draw Desc	Image									

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Terms	Documents
liposome\$ same BPD\$	26

**Display Format:**

-

[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST****End of Result Set**☐

Generate Collection

Print

L2: Entry 1 of 1

File: USPT

Dec 18, 2001

DOCUMENT-IDENTIFIER: US 6331235 B1

TITLE: Chiral separation of benzoporphyrin derivative mono-and di-acids by  
laser-induced fluorescence capillary electrophoresis

Detailed Description Paragraph Right (18):

For BPD stereoisomers, different additives (shown in FIGS. 2A and 2B) HP-.beta.-CD, DM-.beta.-CD, .beta.-CD, and .gamma.-CD, bile salts, .beta.-escin, salicin, sodium rifamycin SV, (+)-rutin hydrate and ammonium glycyrrhizic have been tested as chiral selectors. The bile salts are preferred chiral selector agents. Bile salts are biological surfactants and form small or primary aggregates of 3 to 14 monomers. These aggregates form a type of "inverse micelle" having a negatively charged core and a hydrophobic uncharged surface, which is opposite to that exhibited for sodium dodecyl sulfate (SDS). The amphiphilic nature of bile salts provides both hydrophobic and polar (or electrostatic) sites. The non-polar faces of the monomers aid in solubilizing hydrophobic compounds, and the structurally rigid chiral bile salts selectively interact with BPD enantiomers.

WEST Search History

DATE: Wednesday, July 10, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L2	micelle\$ same BPD\$	1	L2
L1	liposome\$ same BPD\$	26	L1
END OF SEARCH HISTORY			

**WEST****End of Result Set**

Generate Collection

Print

L4: Entry 1 of 1

File: USPT

Sep 17, 1991

DOCUMENT-IDENTIFIER: US 5049389 A

TITLE: Novel liposome composition for the treatment of interstitial lung diseases

Detailed Description Paragraph Right (9):

As defined herein, "phospholipids" include but are not limited to phosphatidic acid (PA) and phosphatidyl glycerol (PG), phosphatidylcholine (PC), egg phosphatidylcholine (EPC), lysophosphatidylcholine (LPC), phosphatidylethanolamine (PE), phosphatidylinositol (PI), and phosphatidylserine (PS). These phospholipids may be fully saturated or partially saturated. They may be naturally occurring or synthetic.

Detailed Description Paragraph Right (10):

The liposome composition may be formulated to include minor amounts of fatty alcohols, fatty acids, and/or cholesterol esters or any other pharmaceutically acceptable excipients with the proviso that these minor lipid components do not significantly reduce the binding affinity of the liposomes for mucosal or lung tissue, are substantially unsaturated, are not toxic or irritating and do not alter the release properties of the drug.

Detailed Description Paragraph Right (17):

Table II illustrates the quantitative composition of the optimal BPD-liposome composition for inhalation.

Detailed Description Paragraph Right (25):

The primary advantage of nonconventional liposomes is their high encapsulation value in particular for steroids. The nonconventional cholesterol sulfate liposomes demonstrate exceptionally high drug loading with encapsulation values up to 100%, when around 10 mole % drug is used with total lipid concentration of around 40 .mu. mol/ml, compared with conventional phospholipid liposomes, which generally allow only about 1-3 mole percent drug encapsulation at a total lipid concentration of 40 umol/ml. For example, unsaturated conventional liposomes without cholesterol have a low encapsulation value with the flexibility of accommodating only 1-3 mole percent of steroidal drug. Saturated conventional liposomes composed of lipid such as fully hydrogenated soy PC do not accommodate even small amounts of the steroidal drug. Even though liposomes containing lyso-PC can accommodate a certain amount of steroid to fill in the acyl chain vacancy, such lyso-PC liposomes containing even as little as 2 mole percent of the steroidal drug exchange and release their drug readily, defeating the whole purpose of drug encapsulation in liposomes (Table I). Encapsulation of steroids into conventional liposomes are thus difficult and a large amount of crystalline steroid could be detected after extrusion and on storage.



**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 11 of 11 returned.**☐ 1. Document ID: US 6248734 B1

L3: Entry 1 of 11

File: USPT

Jun 19, 2001

US-PAT-NO: 6248734

DOCUMENT-IDENTIFIER: US 6248734 B1

TITLE: Use of photodynamic therapy for prevention of secondary cataracts

DATE-ISSUED: June 19, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meadows; Howard E.	Vancouver			CAX
Wenkstern; Danielle	Lions Bay			CAX
Mallek; David R.	Vancouver			CAX
Bussanich; Marcello Nick	Vancouver			CAX
Richter; Anna M.	Vancouver			CAX
Levy; Julia G.	Vancouver			CAX
Hariton; Claude A. A.	Brinckhein			FRX
Huber; Gustav	Rafz			CHX
Rootman; Jack	Vancouver			CAX

US-CL-CURRENT: 514/185; 514/54, 514/55, 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6235767 B1

L3: Entry 2 of 11

File: USPT

May 22, 2001

US-PAT-NO: 6235767

DOCUMENT-IDENTIFIER: US 6235767 B1

TITLE: Methods to treat arterial plaque

DATE-ISSUED: May 22, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelly; Barbara	Vancouver			CAX
Levy; Julia	Vancouver			CAX
Margaron; Philippe Maria Clotaire	Vancouver			CAX

US-CL-CURRENT: 514/410; 514/824

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

☐ 3. Document ID: US 6176842 B1

L3: Entry 3 of 11

File: USPT

Jan 23, 2001

US-PAT-NO: 6176842

DOCUMENT-IDENTIFIER: US 6176842 B1

TITLE: Ultrasound assembly for use with light activated drugs

DATE-ISSUED: January 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tachibana; Katsuro	Fukuoka			JPX
Tachibana; Shunro	Fukuoka			JPX
Anderson; James R.	Redmond	WA		
Lichttenegger; Gary	Woodinville	WA		

US-CL-CURRENT: 604/22; 604/101.03, 604/102.03, 604/103.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

☐ 4. Document ID: US 6100290 A

L3: Entry 4 of 11

File: USPT

Aug 8, 2000

US-PAT-NO: 6100290

DOCUMENT-IDENTIFIER: US 6100290 A

TITLE: Photodynamic therapy in selective cell inactivation in blood and treating immune dysfunction diseases

DATE-ISSUED: August 8, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Levy; Julia G.	Vancouver			CAX
North; Janice	Vancouver			CAX

US-CL-CURRENT: 514/410; 514/885, 514/908, 604/4.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 5. Document ID: US 6043237 A

L3: Entry 5 of 11

File: USPT

Mar 28, 2000

US-PAT-NO: 6043237

DOCUMENT-IDENTIFIER: US 6043237 A

TITLE: Use of photodynamic therapy for prevention of secondary cataracts

DATE-ISSUED: March 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meadows; Howard E.	Vancouver			CAX
Wenkstern; Danielle	Lions Bay			CAX
Mallek; David R.	Vancouver			CAX
Bussanich; Marcello Nick	Vancouver			CAX
Richter; Anna M.	Vancouver			CAX
Levy; Julia G.	Vancouver			CAX
Hariton; Claude A. A.	Brinckhein			FRX
Huber; Gustav	Zurich			CHX
Rootman; Jack	Vancouver			CAX

US-CL-CURRENT: 514/185; 514/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 6. Document ID: US 5834503 A

L3: Entry 6 of 11

File: USPT

Nov 10, 1998

US-PAT-NO: 5834503

DOCUMENT-IDENTIFIER: US 5834503 A

TITLE: Methods to treat arterial plaque

DATE-ISSUED: November 10, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelly; Barbara	Vancouver			CAX
Levy; Julia	Vancouver			CAX
Margaron; Philippe Maria Clotaire	Vancouver			CAX

US-CL-CURRENT: 514/410; 514/824

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 7. Document ID: US 5807881 A

L3: Entry 7 of 11

File: USPT

Sep 15, 1998

US-PAT-NO: 5807881

DOCUMENT-IDENTIFIER: US 5807881 A

TITLE: Method for selectively reducing activated leukocyte cell population

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leong; Simon	Vancouver			CAX
Chan; Agnes How-Ching	Port Moody			CAX
Hunt; David William Carey	White Rock			CAX
Levy; Julia	Vancouver			CAX
Renke; Martin	Burnaby			CAX

US-CL-CURRENT: 514/410; 514/885, 514/908, 604/6.08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 8. Document ID: US 5707608 A

L3: Entry 8 of 11

File: USPT

Jan 13, 1998

US-PAT-NO: 5707608

DOCUMENT-IDENTIFIER: US 5707608 A

TITLE: Methods of making liposomes containing hydro-monobenzoporphyrin photosensitizer

DATE-ISSUED: January 13, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liu; Ron	North Chicago	IL		

US-CL-CURRENT: 424/9.61; 424/9.1, 424/9.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 9. Document ID: US 5422362 A

L3: Entry 9 of 11

File: USPT

Jun 6, 1995

US-PAT-NO: 5422362

DOCUMENT-IDENTIFIER: US 5422362 A

TITLE: Method to inhibit restenosis

DATE-ISSUED: June 6, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vincent; G. Michael	Salt Lake City	UT		
Logan; Patricia M.	Vancouver			CAX

US-CL-CURRENT: 514/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 10. Document ID: US 5389378 A

L3: Entry 10 of 11

File: USPT

Feb 14, 1995

US-PAT-NO: 5389378

DOCUMENT-IDENTIFIER: US 5389378 A

TITLE: Benzoporphyrin vesicles and their use in photodynamic therapy

DATE-ISSUED: February 14, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Madden; Thomas D.	Vancouver			CAX

US-CL-CURRENT: 424/450; 428/402.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
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☐ 11. Document ID: US 5049389 A

L3: Entry 11 of 11

File: USPT

Sep 17, 1991

US-PAT-NO: 5049389

DOCUMENT-IDENTIFIER: US 5049389 A

TITLE: Novel liposome composition for the treatment of interstitial lung diseases

DATE-ISSUED: September 17, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Radhakrishnan; Ramachandran	Fremont	CA		

US-CL-CURRENT: 424/450; 264/4.1, 424/434

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
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